The bark of the branches affords a large quantity of soluble matter, chiefly of the extractive kind. In a concentrated tincture I have not been able to detect any appearance of resin. No evidence of tannin is produced by the test of gelatin. A brownish black colour is caused by the sulphate of iron. The distilled water possesses the taste of the bark in a considerable degree. We are authorized to conclude that water is an adequate solvent for this article, and experience has shewn that the watery extract is one of its best preparations.

The sap of the Butternut tree is saccharine, like that of the Maple, and may be procured in large quantities. In the third volume of the Massachusetts Agricultural Repository is an account of an experiment made on this tree by Mr. M. P. Gray. He states that four trees, the trunks of which were only from eight to ten inches in diameter, produced in one day nine quarts of sap, from which was made one pound and a quarter of sugar. This quantity, it appears from his statement, is equal if not superior to that which the maple affords in the same vicinity.

The inner bark of this tree, especially that obtained from the root, affords one of the most mild and efficacious laxatives which we possess. It is

commonly employed in the form of an extract, which preparation is kept in our druggists' shops. Ten or twelve grains of this extract operate gently, and twenty or thirty grains with considerable activity on the bowels. It has been used for many years in this town by the most respectable practitioners. The late Dr. Warren thought highly of its efficacy, and employed it extensively in various complaints, especially in dysentery. During the revolutionary war, when foreign medicines were scarce, this extract was resorted to by many of the army surgeons, as a substitute for more expensive imported drugs. In dysentery it seems at one time to have acquired a sort of specific reputation.

From numerous trials which I have made with this medicine, it appears to me to possess the qualities of an useful and innocent laxative. When fresh and properly prepared, it is very certain in its effect, and leaves the bowels in a good state. In cases of habitual costiveness it is to be preferred to more stimulating cathartics, and many persons whose state of health has rendered them dependent on the use of laxative medicines, have given this the preference after the trial of a variety of other medicines.

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